

Converting Colors

CIELCh(39, 32.608, 337.696)

Have a look what the booklet for
CIELCh(39, 32.608, 337.696)
contains.

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Color

CIELCh(39, 32.704, 337.399)

Conversions

Conversions Part 1

Format	Color
Hex	824971
RGB	130, 73, 113
RGB Percent	51%, 29%, 44%
CMY	0.4910, 0.7144, 0.5576
CMYK	0.00, 0.44, 0.13, 0.49
HSL	318°, 28%, 40%
HSV	318°, 44%, 51%
XYZ	14.5157, 10.6589, 16.8592
YIQ	94.6030, 21.1320, 24.5240

Conversions

Conversions Part 2

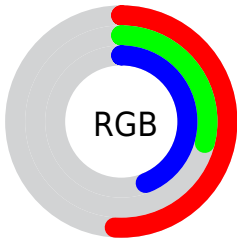
Format	Color
R_{YB}	130, 73, 113
Decimal	8538481
CIE _{Lab}	39.00, 30.19, -12.57
CIE _{LCh}	39, 32.704, 337.399
Yxy	10.6589, 0.3453, 0.2536
Android (android.graphics.Color)	4286728561 (0xFF824971)
YUV	94.6030, 9.0697, 31.0432
Hunter-Lab	32.6480, 22.2290, -7.7632

Details

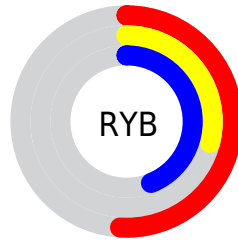
The CIELCh color $39, 32.704, 337.399$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $50, 32.358, 150.456$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $59, 32.794, 337.189$, and $19, 32.471, 337.529$ is the 20% darker color. If you saturate the color by 10%, you get $36, 39.469, 338.280$, and if you desaturate by 10%, it is $42, 25.448, 336.587$.

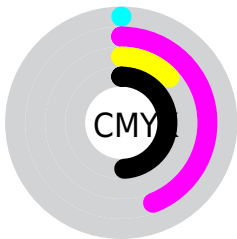
Distribution



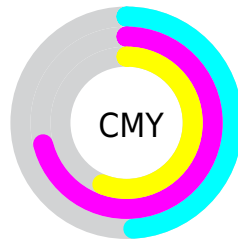
- Red (51%)
- Green (29%)
- Blue (44%)



- Red (51%)
- Yellow (29%)
- Blue (44%)



- Cyan (0%)
- Magenta (44%)
- Yellow (13%)
- Black (49%)





- Cyan (49%)
- Magenta (71%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 39, 32.704, 337.399 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 39, 32.704, 337.399 by changing the saturation by 10% instead.


 39, 32.704,
337.399


 39, 32.704,
337.399

 100, 32.704,
337.399


 29, 32.704,
337.399

 59, 32.704,
337.399


 19, 32.704,
337.399


 69, 32.704,
337.399

 9, 32.704, 337.399

 79, 32.704,
337.399

 0, 32.704, 337.399

 89, 32.704,
337.399

 99, 32.704,
337.399

■ 39, 32.704,
337.399

■ 39, 32.704,
337.399

■ 36, 39.469,
338.280

■ 42, 25.448,
336.587

■ 34, 45.443,
339.252

■ 46, 17.953,
335.828

■ 31, 50.284,
340.352

■ 49, 10.394,
335.109

■ 30, 53.687,
341.630

■ 53, 2.895, 334.380

■ 29, 55.502,
343.147

■ 57, 4.467, 153.889

■ 28, 56.313,
344.118

■ 60, 11.648,
153.260

■ 64, 18.626,
152.690

■ 68, 25.394,
152.156

■ 72, 31.952,
151.654

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39, 32.704, 337.399



50, 32.358, 150.456

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39, 32.704, 337.399



39, 32.704, 27.399



39, 32.704, 157.399



39, 32.704, 207.399

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39, 32.702, 337.400



63, 12.017, 335.067



35, 36.053, 304.372



32, 8.380, 335.201



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39, 32.702, 337.400



47, 47.957, 338.309



38, 26.013, 7.361



25, 4.140, 334.770



28, 55.610, 344.081



0, 0.000, 0.000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39, 32.702, 337.400



47, 47.957, 338.309



50, 21.911, 177.818



25, 4.140, 334.770



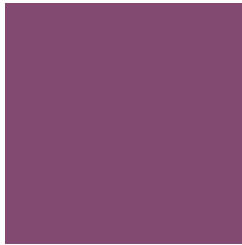
28, 55.610, 344.081



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 39, 32.704, 337.399 looks on a white background.

Color Contrast Check

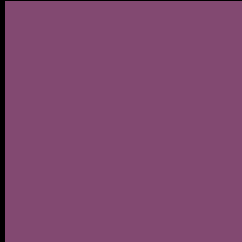
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 39, 32.704, 337.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

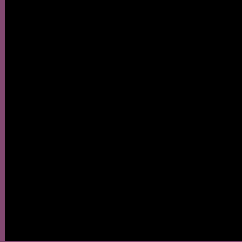
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 39, 32.704, 337.399

Background



This preview shows how black text looks on a background with the CIELCh color 39, 32.704, 337.399.



This preview shows how white text looks on a background with the CIELCh color 39, 32.704, 337.399.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39, 32.704, 337.399

Protanopia

39, 21.538, 285.024

Deuteranopia

39, 12.340, 297.488



Tritanopia
39, 21.618, 14.866

Trichromacy



Original Color
39, 32.704, 337.399

Protanomaly
39, 23.523, 307.329

Deuteranomaly
39, 18.773, 320.280

Tritanomaly
39, 23.969, 358.168

Monochromacy



Original Color
39, 32.704, 337.399

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 12.671, 334.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 39, 32.704, 337.399 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(130, 73, 113)` looks like.

```
.text, #text, p{  
    color:rgb(130, 73, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(130, 73, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 73, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 39, 32.704, 337.399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(130, 73, 113) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(130, 73, 113) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(130, 73, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 73, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 73, 113);  
box-shadow:4px 4px 4px 4px rgb(130, 73,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 39, 32.704, 337.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 73, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(130, 73,  
113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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